Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 11 Sep 2022 until 23:59 on Monday 12 Sep 2022

Forecast Issued on Saturday 10 Sep 2022 at 14:48

Confidence: High confidence for overall forecast, but lower confidence for rainfall amounts on Monday morning.

Headline for Sunday 11 Sep 2022: Early low cloud, mist and fog lifting to give some brighter spells. Rain arriving from the west overnight.

Mountain weather hazards on Sunday 11 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Fog	Fog	Cloudy	Cloudy	Sunny intervals	Cloudy	Light rain
Precipitation probability							
10%	10%	10%	10%	<05%	<05%	10%	50%

Forecast for Sunday 11 Sep 2022

Weather: Low cloud, mist and fog at first, lifting above the summits by late morning. Staying dry with occasional brighter spells during the afternoon. Becoming increasingly cloudy from the west by the evening, with some outbreaks of rain, locally heavy, arriving by midnight. Breezy.

Chance of cloud-free hill tops above 600m: 30% becoming 100%, before deteriorating again later.

Low cloud and visibility: Low cloud will be shrouding the summit early morning, with cloud bases down to 200-300m, leading to some poor visibility at first. Low cloud will lift above the summit by late morning, with visibility becoming very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 11 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 E	7/9 SE	8/10 S	9/12 S	12/17 S	13/19 S	12/17 S	16/24 S	17/27 S
300	4/9 E	3/8 SE	4/9 SE	8/12 SE	10/16 S	11/17 S	9/15 S	11/19 S	12/20 S
Valley	6/11 E	5/8 E	5/8 E	5/9 SE	8/15 S	9/17 S	7/17 S	7/19 S	7/19 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	12/10	12/10	13/11	15/13	16/13	15/13	14/11	13/10
300	13/13	13/13	13/13	15/14	17/16	18/16	18/16	17/15	15/13
Valley	14/13	13/13	13/13	16/16	19/17	19/18	18/17	17/16	16/15
Freezing Level*	2800m	2800m	2500m	2400m	2500m	2600m	3000m	3400m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigation will be difficult in hill fog early in the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 09 Sep 2022	5.2mm	10.4mm	10.4mm

Forecast for Monday 12 Sep 2022

Weather: A rather cloudy day, with outbreaks of rain, locally heavy at times. The rain is likely to clear southeastwards during the evening and overnight, with drier and clearer conditions following on behind.

Maximum wind: South to southwesterly 15-20mph, gusting 25-30mph at first, before easing later in the day.

Chance of cloud-free hill tops above 600m: 20% throughout the day.

Low cloud and visibility: Extensive low cloud throughout the day, with bases down to 300-400m, especially first thing, before lifting to around 500-600m late morning onwards. Reduced visibility to poor in low cloud and rain throughout the day, but moderate or good at times.

Temperature: **Valleys:** Plus 14 Celsius, becoming Plus 18 Celsius.
At 600m: Plus 12 Celsius, becoming Plus 16 Celsius.
Freezing level: Above the summits.

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